PHOTOPOLYMERIZABLE COMPOSITION, PHOTOPOLYMERIZABLE PLANOGRAPHIC PRINTING PLATE AND IMAGE FORMING METHOD

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Abstract of JP2000131837

PROBLEM TO BE SOLVED: To provide a photopolymerizable composition having high sensitivity to light in the visible region and further to light in a long wavelength region such as the near IR region, not sensitive to light in the UV region and excellent in handling under a white fluorescent lamp. SOLUTION: The photopolymerizable composition contains an ethylenically unsaturated compound, a cyanine dye and a photopolymerization initiator. The cyanine dye has a structure in which hetero atoms bond by way of a polymethine chain having a group(d) of the formula as a substituent. In the formula, each of Q1 and Q2 is an arbitrary substituent and Q1 and Q2 may be combined to form a ring.



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